

CAGGAGCTCAGCTGCAGGAGGCAGGATGGTCTGGAGGCTGGTCCTGCTGGCT
 CTGTGGGTGTGGCCCAGCACGCAAGCTGGTCACCAGGACAAAGACACGACCT
 TCGACCTTTTCAGTATCAGCAACATCAACCGCAAGACCATTGGCGCCAAGCA
 GTTCCGCGGGCCCCGACCCCGGCGTGCCGGCTTACCGCTTCGTGCGCTTTGACT
 ACATCCCACCGGTGAACGCAGATGACCTCAGCAAGATCACCAAGATCATGCG
 GCAGAAGGAGGGCTTCTTCTCACGGCCCAGCTCAAGCAGGACGGCAAGTCC
 AGGGGCACGCTGTTGGCTCTGGAGGGCCCCGGTCTCTCCAGAGGCAGTTCCG
 AGATCGTCTCCAATGGCCCCGCGGACACGCTGGATCTCACCTACTGGATTGA
 CGGCACCCGGCATGTGGTCTCCTGGAGGACGTGCGCCTGGCTGACTCGCAG
 TGAAGAACGTCACCGTGCAGGTGGCTGGCGAGACCTACAGCTTGCACGTGG
 GCTGCGACCTCATAGACAGCTTCGCTCTGGACGAGCCCTTCTACGAGCACCT
 GCAGGCGGAAAAGAGCCGGATGTACGTGGCCAAAGGCTCTGCCAGAGAGAG
 TCACTTCAGGGGTTTGCTTCAGAACGTCCACCTAGTGTGTTGAAAACCTCTGTGG
 AAGATATTCTAAGCAAGAAGGGTTGCCAGCAAGGCCAGGGAGCTGAGATCA
 ACGCCATCAGTGAGAACACAGAGACGCTGCGCCTGGGTCCGCATGTCACCAC
 CGAGTACGTGGGCCCCAGCTCAGAGAGGAGGCCCCGAGGTGTGCGAACGCTC
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 GTGAACCAGCCCAGCGAGAACCTCAAGAGAGTGTGCAATGATAACCAGTTTC
 TCTGGGAGCTCATTGGTGGCCCTCCTAAGACAAGGAACATGTCAGCTTGCTG
 GCAGGATGGCCGGTTCTTTGCGGAAAATGAAACGTGGGTGGTGGACAGCTGC
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 CGCCTGCAACCTGCGCCAGTCCATCCTTTGTGGAAGGCGAATGCTGCCCTTCC
 TGCCTCCACTCGGTGGACGGTGAGGAGGGCTGGTCTCCGTGGGCAGAGTGGA
 CCCAGTGCTCCGTGACGTGTGGCTCTGGGACCCAGCAGAGAGGCCGGTCTG
 TGACGTACCCAGCAACACCTGCTTGGGGCCCTCCATCCAGACACGGGCTTGC
 AGTCTGAGCAAGTGTGACACCCGCATCCGGCAGGACGGCGGCTGGAGCCACT
 GGTACCTTGGTCTTCATGCTCTGTGACCTGTGGAGTTGGCAATATCACACGC
 ATCCGTCTCTGCAACTCCCCAGTGCCCCAGATGGGGGGCAAGAATTGCAAAG
 GGAGTGGCCGGGAGACCAAAGCCTGCCAGGGCGCCCCATGCCCAATCGATG
 GCCGCTGGAGCCCCTGGTCCCCGTGGTCCGCTGCACTGTACCTGTGCCGGT
 GGGATCCGGGAGCGCACCCGGGTCTGCAACAGCCCTGAGCCTCAGTACGGAG
 GGAAGGCCTGCGTGGGGGATGTGCAGGAGCGTCAGATGTGCAACAAGAGGA
 GCTGCCCCGTGGATGGCTGTTTATCCAACCCCTGCTTCCCGGGAGCCCAGTGC
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 GGGCAATGGCACCCACTGTGAGGACCTGGACGAGTGTGCCCTGGTCCCCGAC
 ATCTGCTTCTCCACCAGCAAGGTGCCTCGCTGTGTCAACACTCAGCCTGGCTT
 CCACTGCCTGCCCTGCCCGCCCCGATACAGAGGGAACCAGCCCGTCCGGGTC
 GGCTTGAAGCAGCCAAGACGGAAAAGCAAGTGTGTGAGCCCGAAAACCA
 TGCAAGGACAAGACACAACTGCCACAAGCACGCGGAGTGCATCTACCTG
 GGCCACTTCAGCGACCCCATGTACAAGTGCGAGTGCCAGACAGGCTACGCGG
 GCGACGGGCTCATCTGCGGGGAGGACTCGGACCTGGACGGCTGGCCCAACCT
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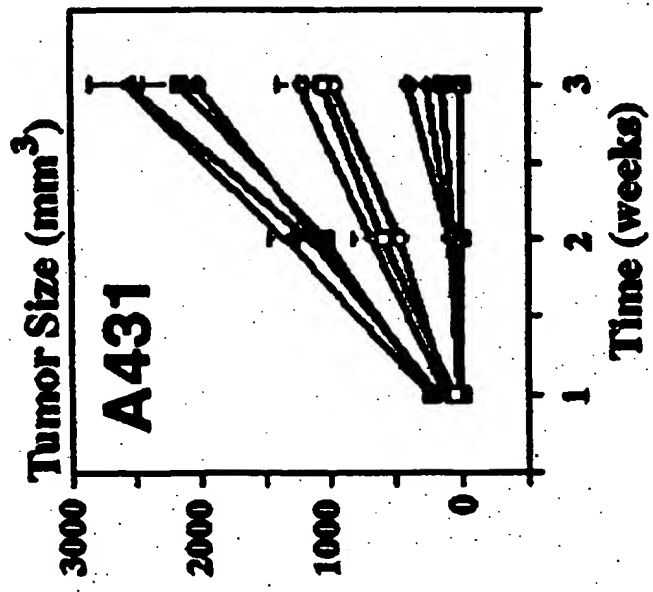
FIG. 1A

CAGACAACAATGGAGAGGGTGACGCCTGCTCCGTGGACATTGATGGGGACG
ATGTCTTCAATGAACGAGACAATTGTCCCTACGTCTACAACACTGACCAGAG
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CACAACCCTGACCAGACCGACGTGGACAATGACCTTGTTGGGGACCAAGTGTG
ACAACAACGAGGACATAGATGACGACGGCCACCAGAACAACCAGGACAACCT
GCCCCCTACATCTCCAACGCCAACCAGGCTGACCATGACAGAGACGGCCAGGG
CGACGCCTGTGACCCTGATGATGACAACGATGGCGTCCCCGATGACAGGGAC
AACTGCCGGCTTGTTGTTCAACCCAGACCAGGAGGACTTGGACGGTGATGGAC
GGGGTGATATTTGTAAAGATGATTTTGACAATGACAACATCCCAGATATTGA
TGATGTGTGTCCTGAAAACAATGCCATCAGTGAGACAGACTTCAGGAACCTC
CAGATGGTCCCCCTTGGATCCCAAAGGGACCACCCAAATTGATCCCAAACCTGGG
TCATTGCGCATCAAGGCAAGGAGCTGGTTCAGACAGCCAACTCGGACCCCCG
CATCGCTGTAGGTTTTGACGAGTTTTGGGTCTGTGGACTTCAGTGGCACATTCT
ACGTAAACACTGACCGGGACGACGACTATGCCGGCTTCGTCTTTGGTTACCA
GTCAAGCAGCCGCTTCTATGTGGTGATGTGGAAGCAGGTGACGCAGACCTAC
TGGGAGGACCAGCCCACGCGGGCCTATGGCTACTCCGGCGTGTCCCTCAAGG
TGGTGAACCTCCACCACGGGGACGGGCGAGCACCTGAGGAACGCGCTGTGGC
ACACGGGGAACACGCCGGGGCAGGTGCGAACCTTATGGCACGACCCCAGGA
ACATTGGCTGGAAGGACTACACGGCCTATAGGTGGCACCTGACTCACAGGCC
CAAGACCGGCTACATCAGAGTCTTAGTGATGAAGGAAAACAGGTCATGGCA
GACTCAGGACCTATCTATGACCAAACCTACGCTGGCGGGCGGCTGGGTCTAT
TTGTCTTCTCTCAAGAAATGGTCTATTTCTCAGACCTCAAGTACGAATGCAGA
GATATTTAAACAAGATTTGCTGCATTTCCGGCAATGCCCTGTGCATGCCATGG
TCCCTAGA

FIG. 18

MVWRLVLLALWVWPSTQAGHQDKDTTFDLFSISNINRKTIGAKQFRGPDGPVPA
YRFVRFDYIPPVNADDLSKITKIMRQKEGFLTAQLKQDGKSRGTLLEGPGLS
QRQFEIVSNGPADTLDLTYWIDGTRHVVSLEDVGLADSQWKNVTVQVAGETYS
LHVGCDLIDSFALDEPFYEHLQAEKSRMYVAKGSARESHFRGLLQNVHLVFENS
VEDILSKKGCQQGQGAENAISENTETLRLGPHVTTEYVGPSSERRPEVCERSCEE
LGNMVQELSGLHVLVNQPSENLKRVSNQFLWELIGGPPKTRNMSACWQDGR
FFAENETWVVDSCCTTCTCKKFKTICHQITCPPATCASPSFVEGECCPSCLHSVDGE
EGWSPWAEWTQCSVTCGSGTQQRGRSCDVTSTNTCLGPSIQTRACSLSKCDTRIR
QDGGWSHWSPWSSCSVTCGVGNITRIRLNCSPVPQMGGKNCKGSGRETKACQG
APCPIDGRWSPWSPWSACTVTCAGGIRERTRVCNSPEPQYGGKACVGDVQERQ
MCNKRSCPVDGCLSNPCFPGAQCSSFPDGSWSCGSCPVGFLGNGTHCEDLDECA
LVPDICFSTSKVPRCVNTQPGFHCLPCPPRYRGNQPVGVGLEAAKTEKQVCEPEN
PCKDKTHNCHKHAECIYLGHFSDPMYKCECQTGYAGDGLICGEDSDLDGWPNL
NLVCATNATYHCIKDNCPLPNSGQEDFDKDGIGDACDDDDNDGVTDEKDNC
QLLFNPRQADYDKDEVGDRCNCPYVHNPAQIDTDNNGEGDACSVDIDGDDVF
NERDNCPYVYNTDQRDTDGDGVGDHCDNCPLVHNPDQTDVDNDLVGDQCDN
NEDIDDDGHQNNQDNCPYISNANQADHNRDGGQDACDPDDNDGVPDDRDN
RLVFNPQEDLDGDGRGDICKDDFDNDNIPDIDDVCPENNAISETDFRNFQMVPL
DPKGTQIDPNWVIRHQGKELVQTANSDPGLAVGFDEFGSVDFSGTFYVNTDRD
DDYAGFVFGYQSSSRFYVVMWKQVTQTYWEDQPTRAYGYSGVSLKVVNSTTG
TGEHLRNALWHTGNTPGQVRTLWHDPRNIGWKDYTAIRWHLTHRPKTGYIRV
LVHEGKQVMADSGPIYDQTYAGGRLGLFVFSQEMVYFSDLKYECRDI

FIG. 2



Parental	9
Control	12
TSP-1+	4
TSP-2+	6
TSP-1+/TSP-2+	1

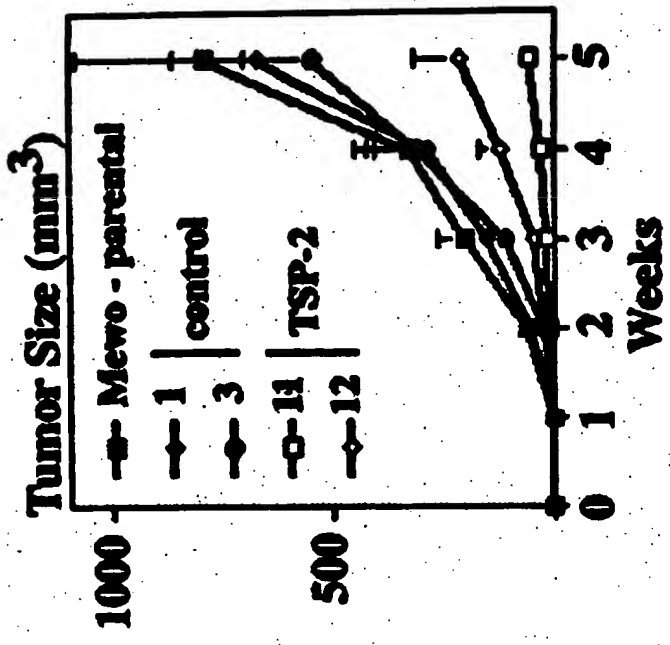


Fig. 3

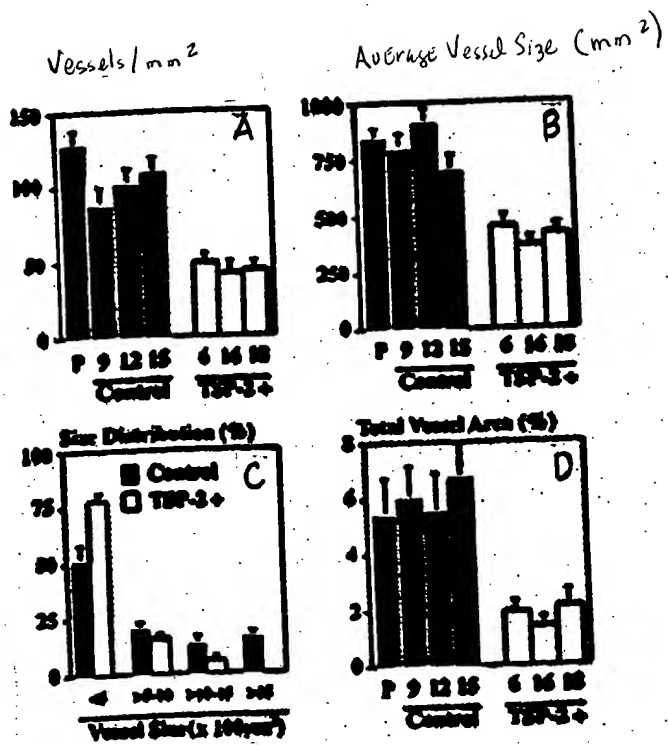
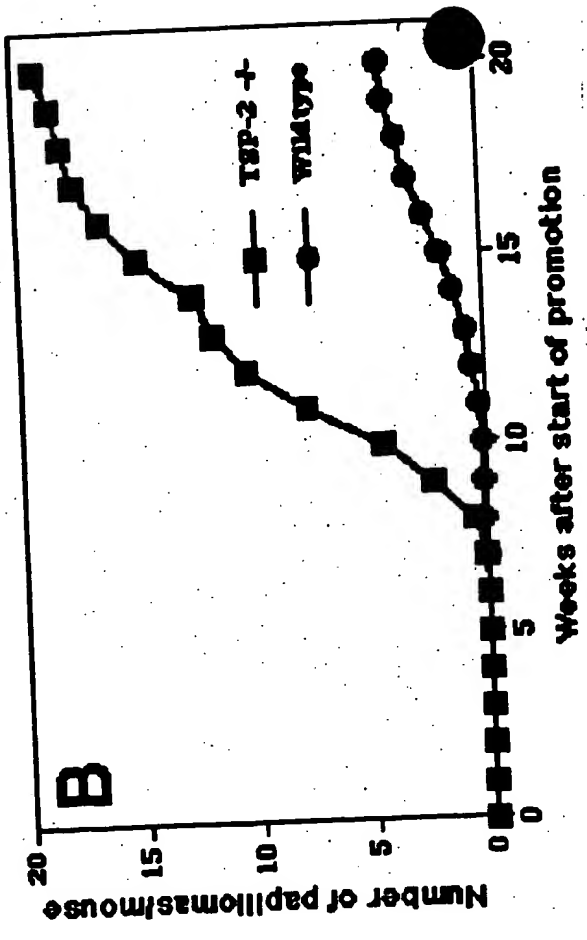
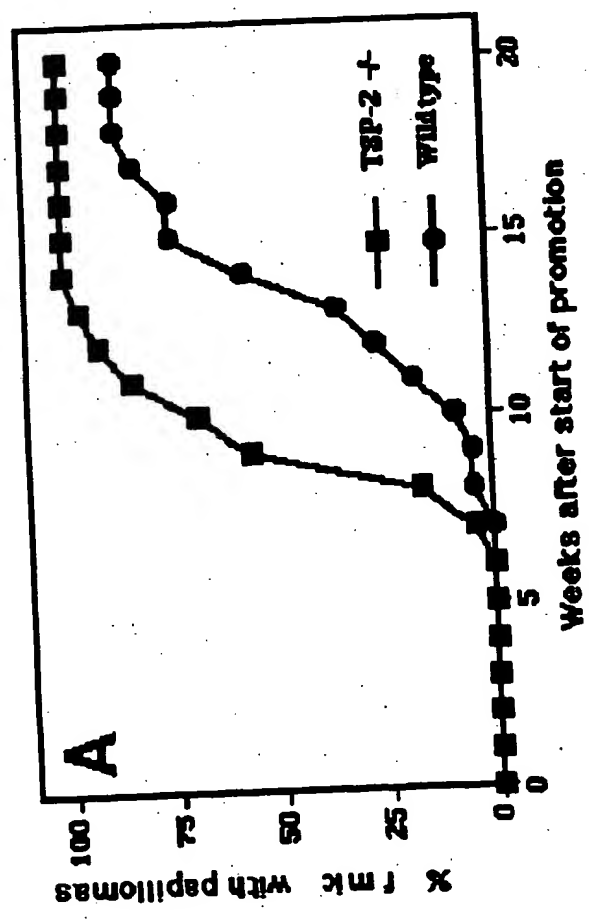


Fig. 4

Fig 5



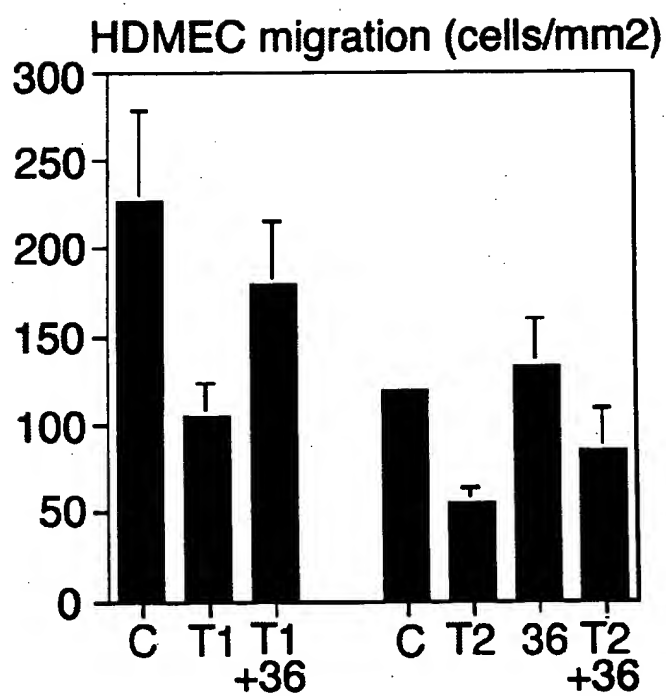


Fig. 6

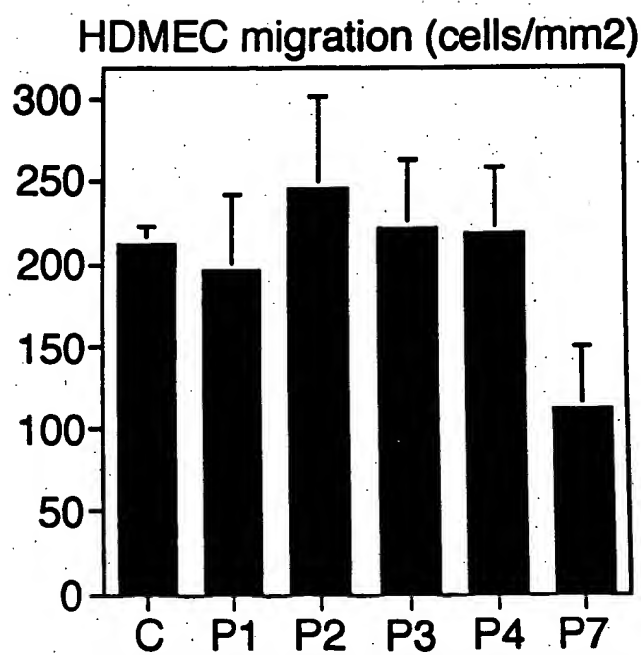


Fig. 7